FIG.1

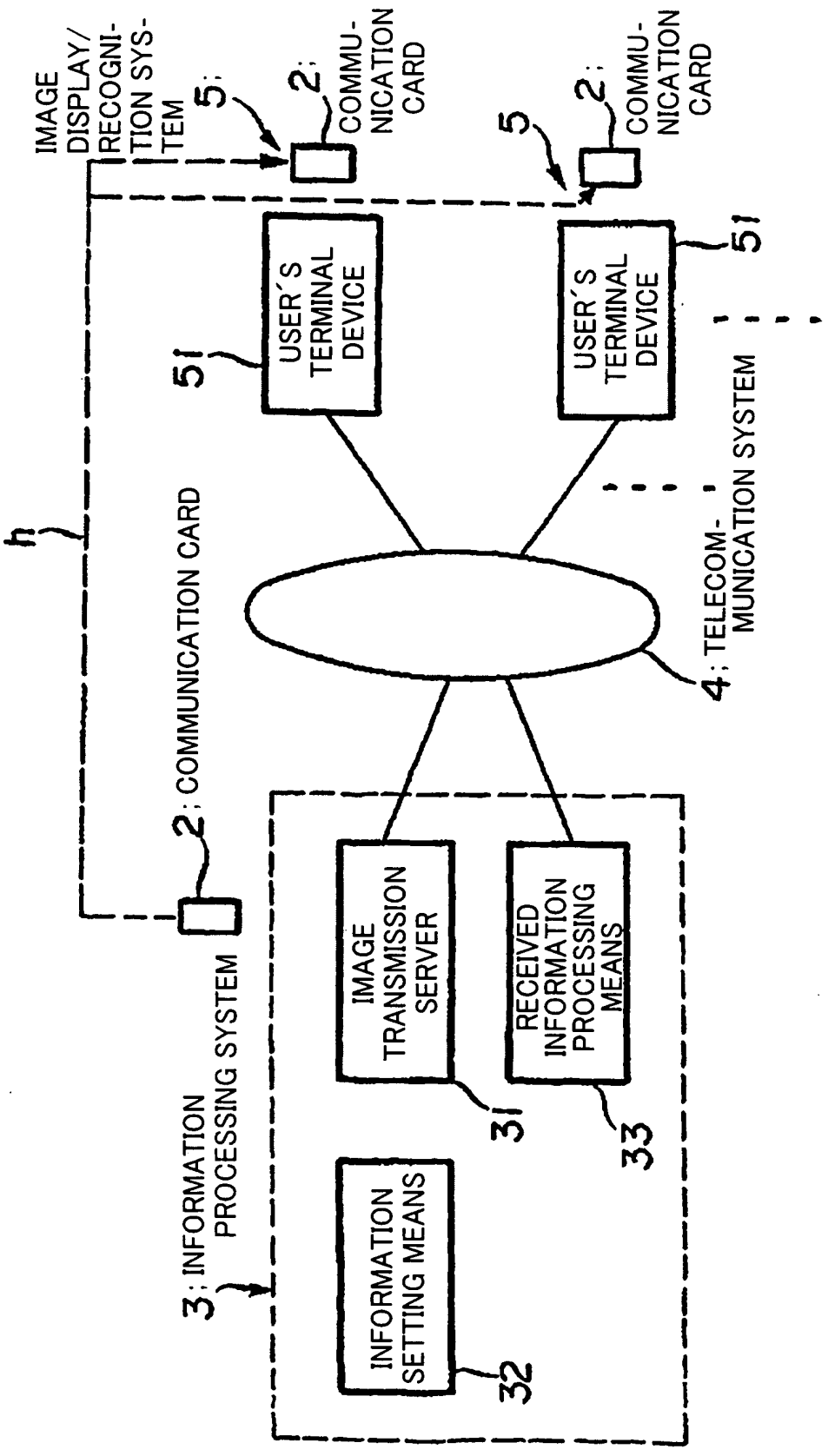

1
IMAGE DISPLAY/ RECOGNI-TION SYS-TEM
5
2; COMMU-NICATION CARD
5
2; COMMU-NICATION CARD
USER'S TERMINAL DEVICE
51
USER'S TERMINAL DEVICE
51
h
2; COMMUNICATION CARD
4; TELECOM-MUNICATION SYSTEM
3; INFORMATION PROCESSING SYSTEM
IMAGE TRANSMISSION SERVER
31
RECEIVED INFORMATION PROCESSING MEANS
33
INFORMATION SETTING MEANS
32

FIG.2

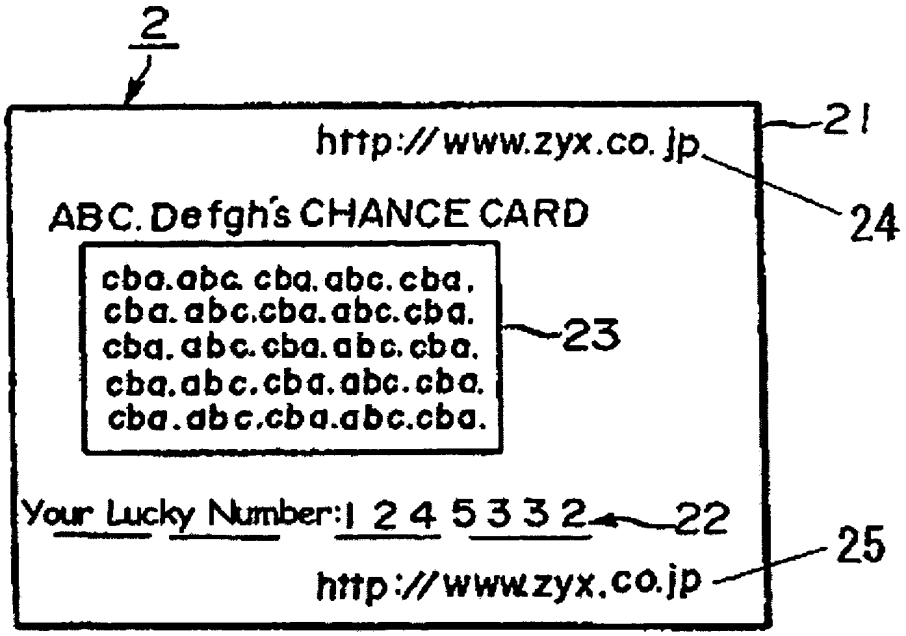

2
http://www.zyx.co.jp
21
24
ABC. Defgh's CHANCE CARD
cba.abc.cba.abc.cba.
cba.abc.cba.abc.cba.
cba.abc.cba.abc.cba.
cba.abc.cba.abc.cba.
cba.abc.cba.abc.cba.
23
Your Lucky Number: 1 2 4 5 3 3 2
22
25
http://www.zyx.co.jp

FIG.3

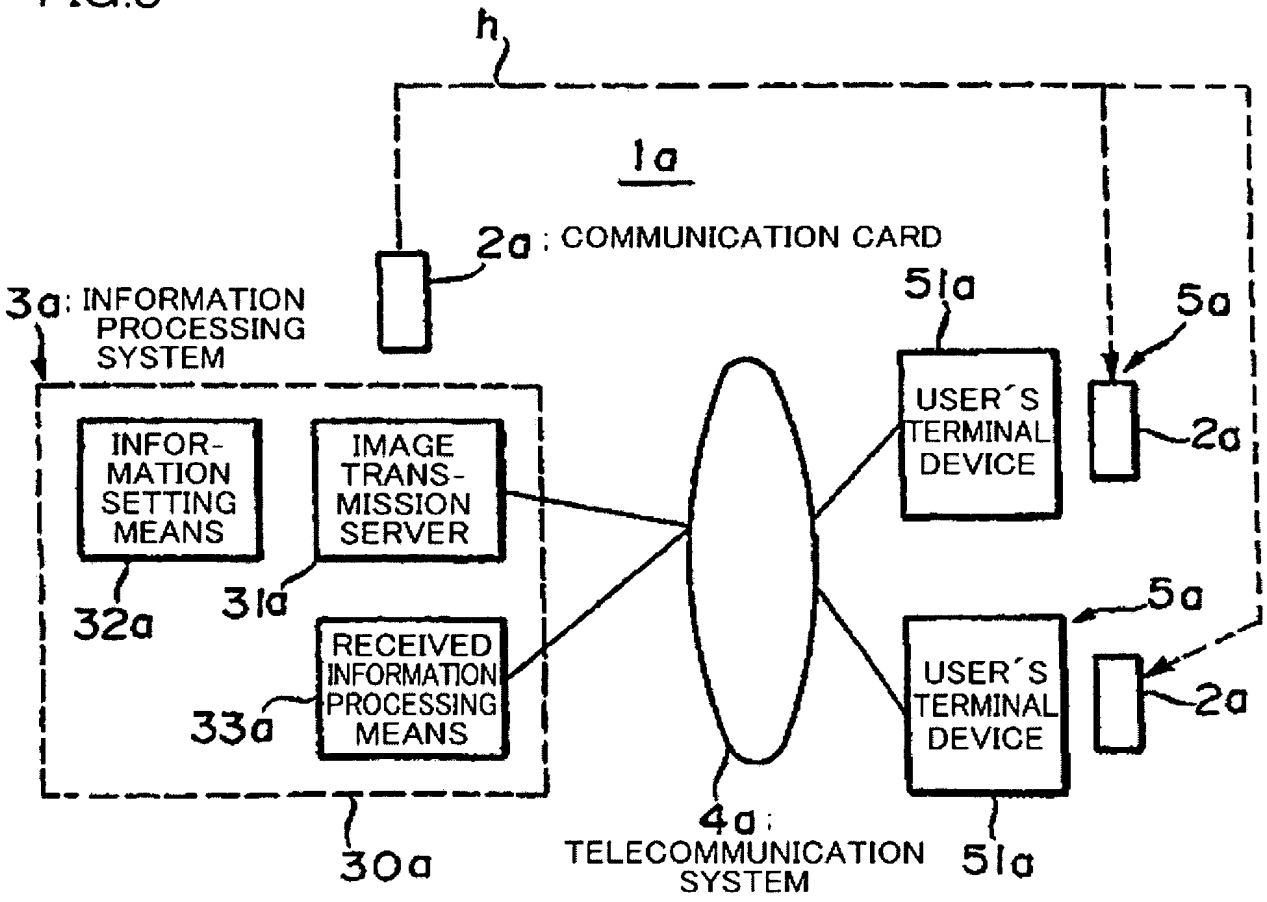

h
1a
2a : COMMUNICATION CARD
3a : INFORMATION PROCESSING SYSTEM
INFOR-MATION SETTING MEANS
IMAGE TRANS-MISSION SERVER
RECEIVED INFORMATION PROCESSING MEANS
32a
31a
33a
30a
4a : TELECOMMUNICATION SYSTEM
51a
USER'S TERMINAL DEVICE
5a
2a

FIG.4

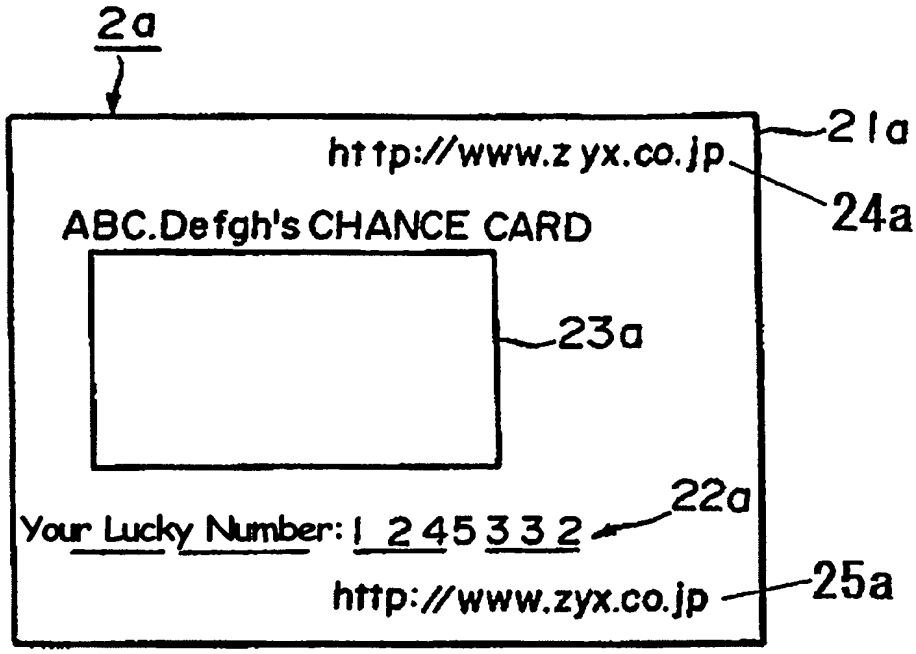

2a
21a
http://www.zyx.co.jp
24a
ABC.Defgh's CHANCE CARD
23a
22a
Your Lucky Number: 1 2 4 5 3 3 2
25a
http://www.zyx.co.jp

FIG.5

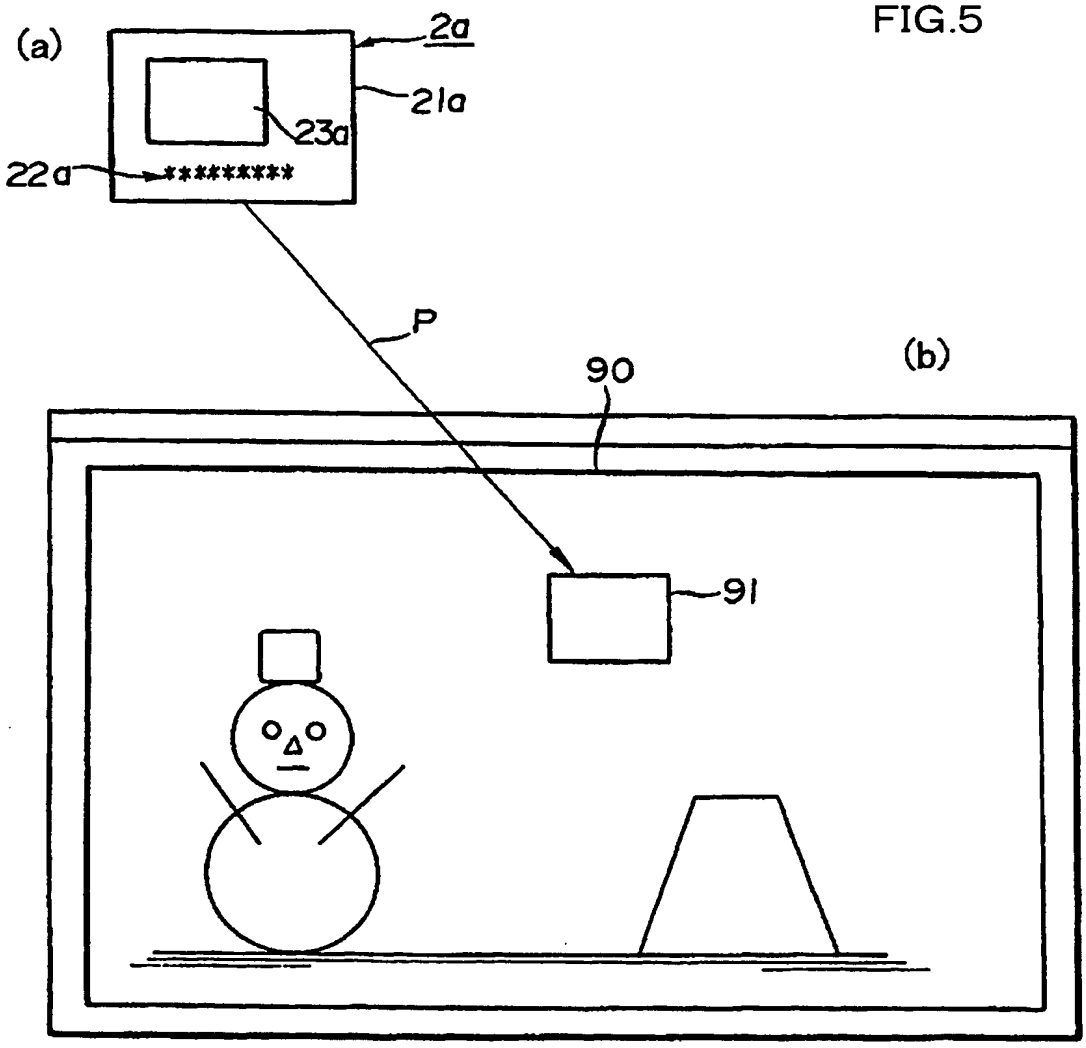


FIG.6

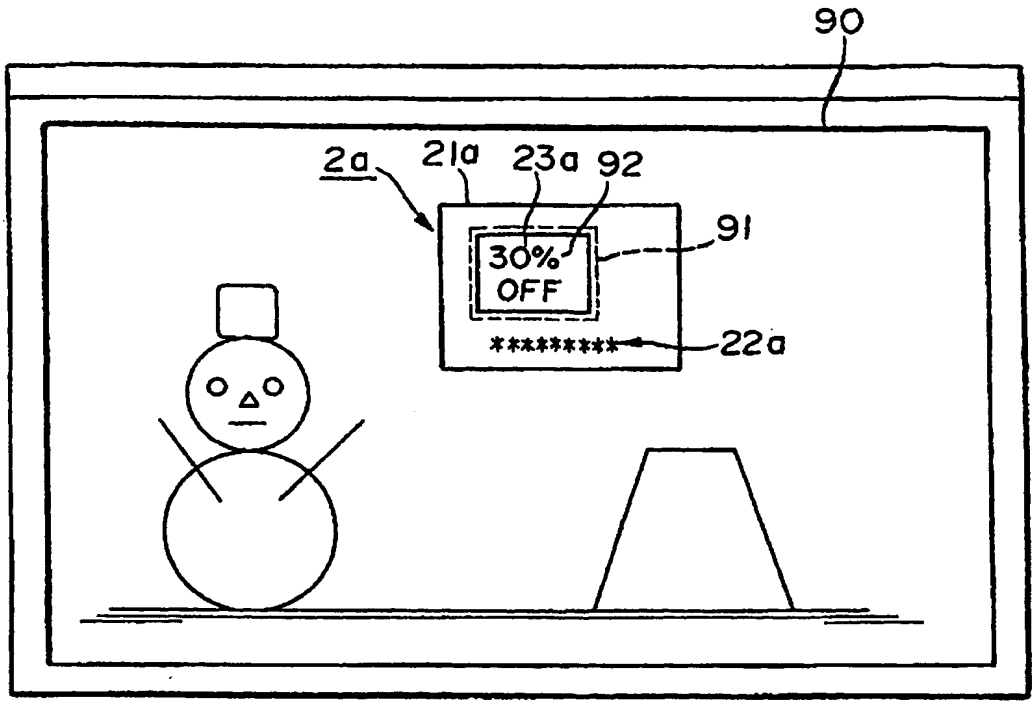
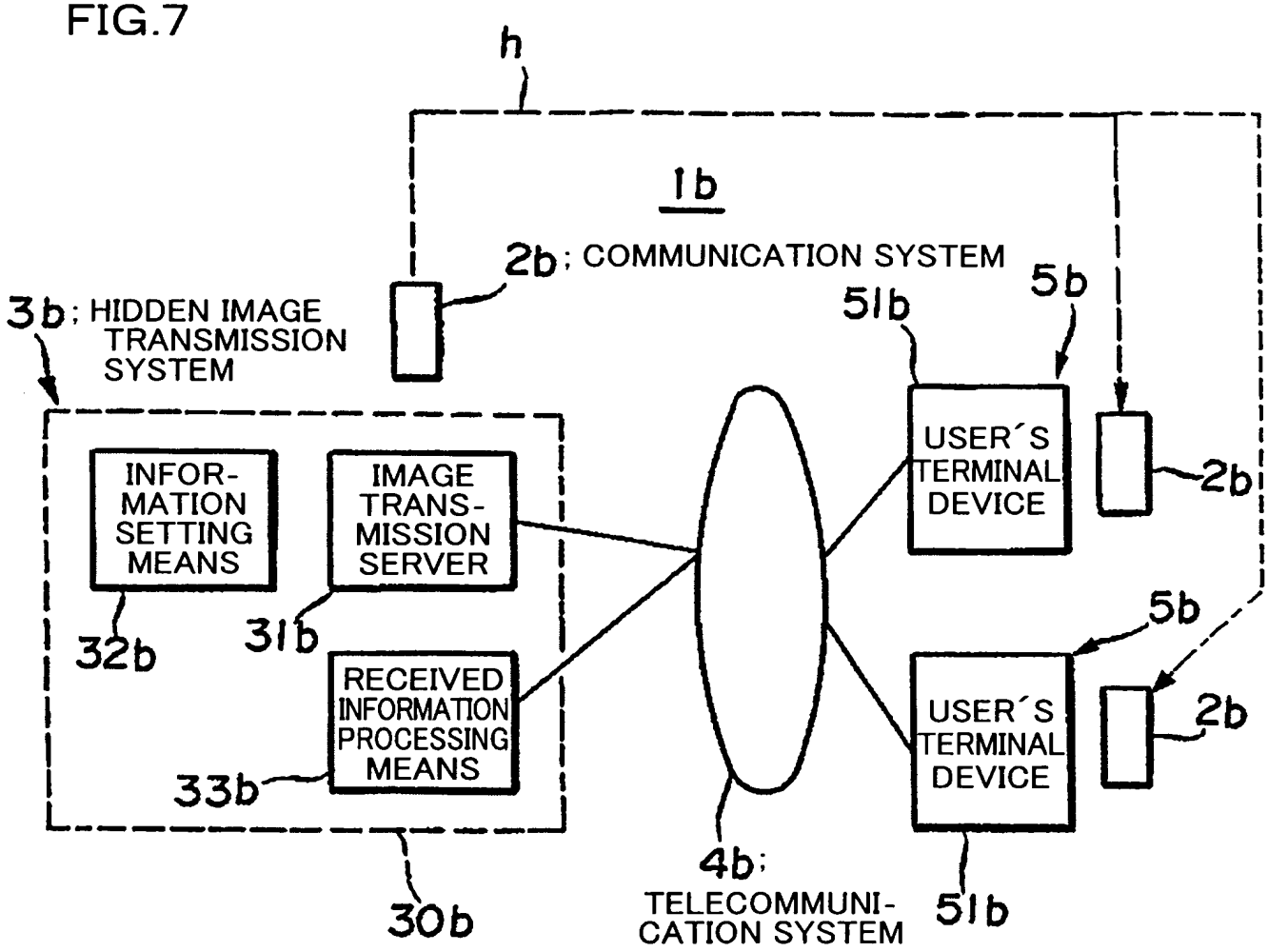


FIG.7


h
1b
2b; COMMUNICATION SYSTEM
3b; HIDDEN IMAGE TRANSMISSION SYSTEM
INFOR-MATION SETTING MEANS
IMAGE TRANS-MISSION SERVER
RECEIVED INFORMATION PROCESSING MEANS
32b
31b
33b
30b
4b; TELECOMMUNI-CATION SYSTEM
51b
5b
USER'S TERMINAL DEVICE
2b

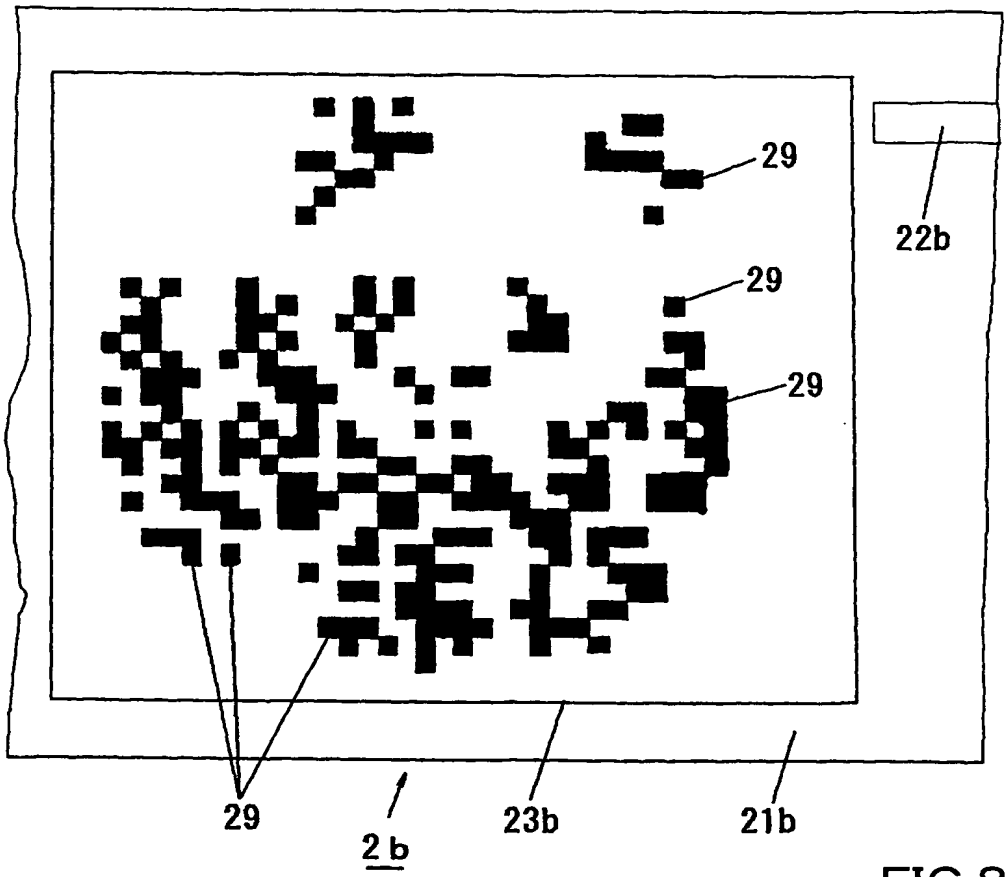


FIG.8

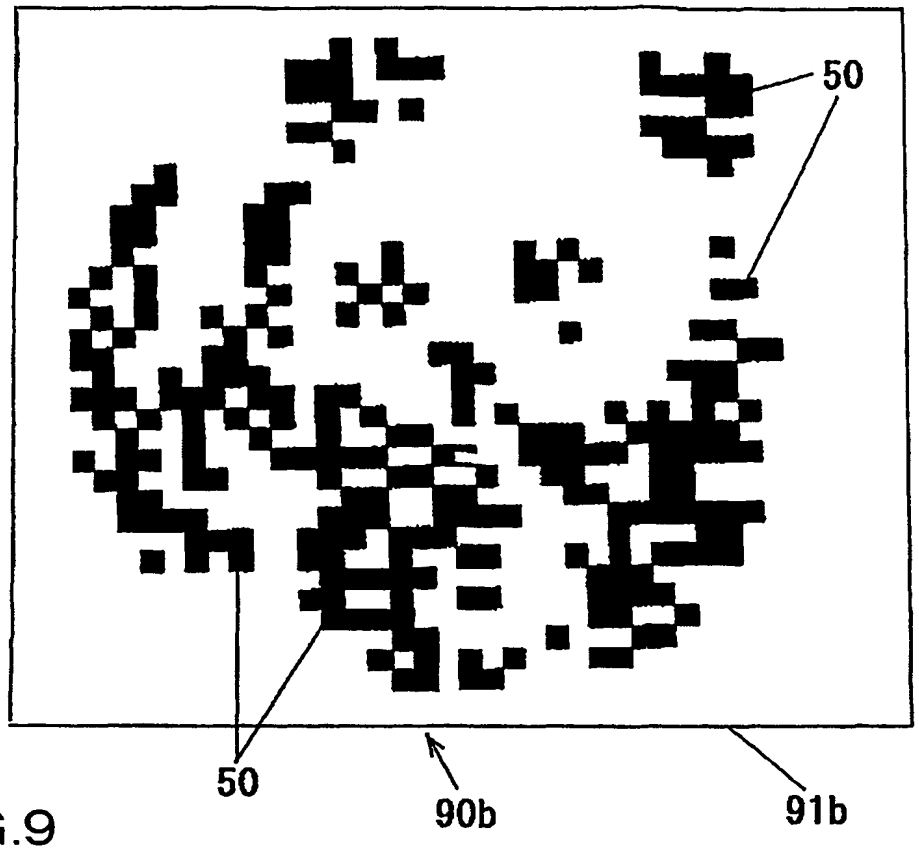


FIG.9

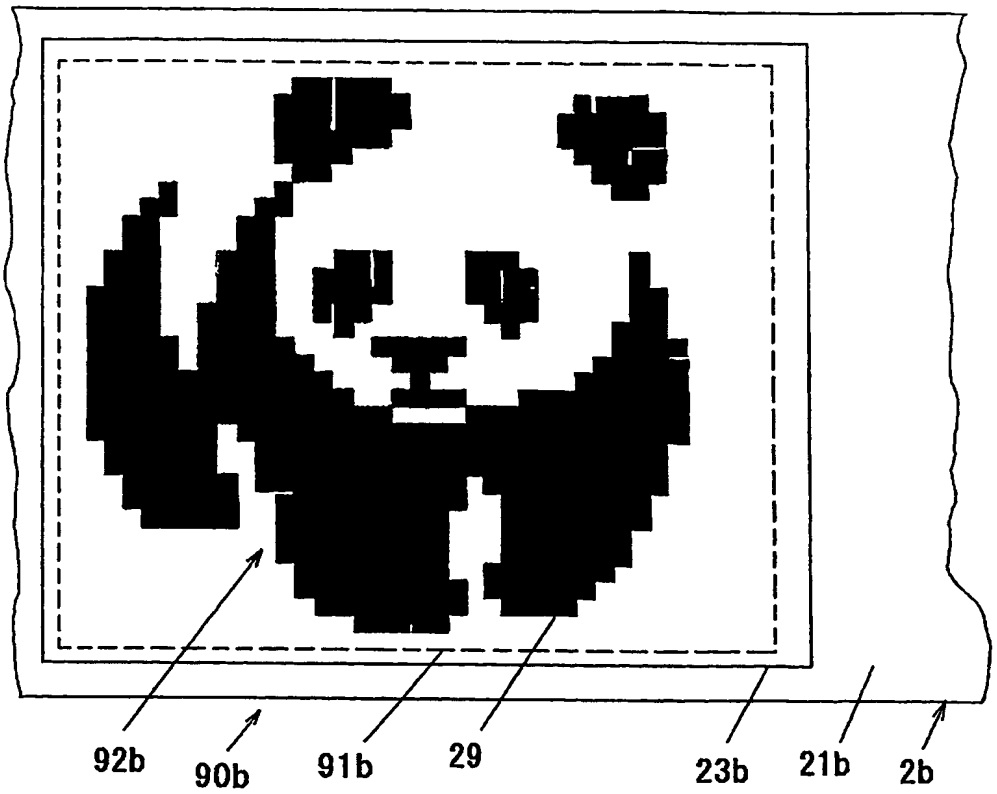


FIG.10

FIG.11

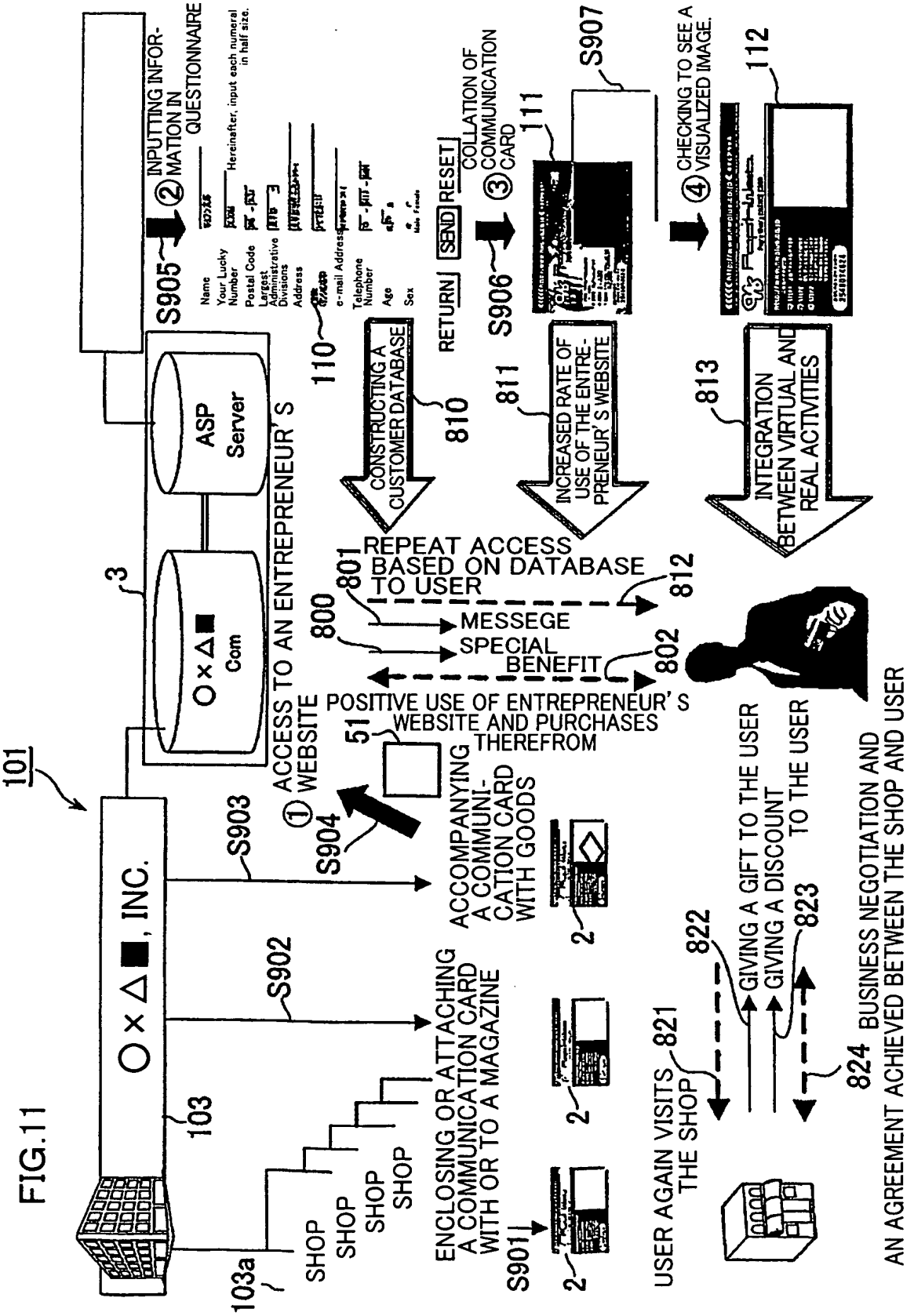

101
○×△■, INC.
103
103a
SHOP
SHOP
SHOP
SHOP
3
ASP Server
○×△■ Com
S901
ENCLOSING OR ATTACHING A COMMUNICATION CARD WITH OR TO A MAGAZINE
S902
ACCOMPANYING A COMMUNICATION CARD WITH GOODS
S903
① ACCESS TO AN ENTREPRENEUR'S WEBSITE
S904
51
POSITIVE USE OF ENTREPRENEUR'S WEBSITE AND PURCHASES THEREFROM
800
801
REPEAT ACCESS BASED ON DATABASE TO USER
MESSEGE
SPECIAL BENEFIT
802
812
USER AGAIN VISITS THE SHOP
821
822
GIVING A GIFT TO THE USER
GIVING A DISCOUNT TO THE USER
823
824
BUSINESS NEGOTIATION AND AN AGREEMENT ACHIEVED BETWEEN THE SHOP AND USER
S905
② INPUTTING INFORMATION IN QUESTIONNAIRE
Name
Your Lucky Number
Postal Code
Largest Administrative Divisions
Address
e-mail Address
Telephone Number
Age
Sex
Hereinafter, input each numeral in half size.
110
CONSTRUCTING A CUSTOMER DATABASE
810
RETURN
SEND
RESET
S906
③ COLLATION OF COMMUNICATION CARD
111
811
INCREASED RATE OF USE OF THE ENTREPRENEUR'S WEBSITE
S907
④ CHECKING TO SEE A VISUALIZED IMAGE.
112
813
INTEGRATION BETWEEN VIRTUAL AND REAL ACTIVITIES

FIG.12

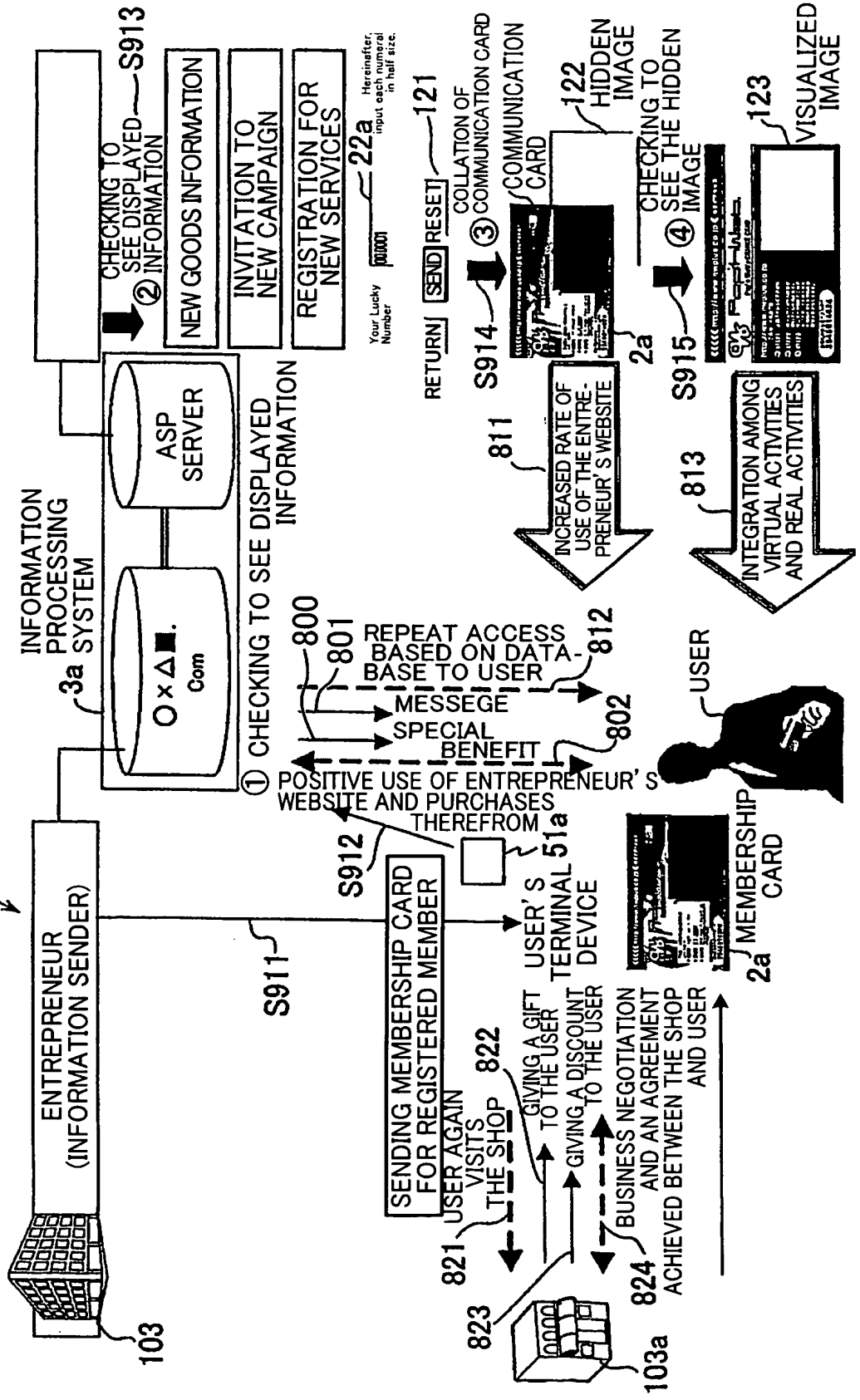

201
ENTREPRENEUR (INFORMATION SENDER)
103
INFORMATION PROCESSING SYSTEM
3a
ASP SERVER
O×Δ■. Com
① CHECKING TO SEE DISPLAYED INFORMATION
CHECKING TO SEE DISPLAYED ② INFORMATION
S913
NEW GOODS INFORMATION
INVITATION TO NEW CAMPAIGN
REGISTRATION FOR NEW SERVICES
22a
Hereinafter, input each numeral in half size.
Your Lucky Number
RETURN
SEND
RESET
121
COLLATION OF ③ COMMUNICATION CARD
S914
COMMUNICATION CARD
122
HIDDEN IMAGE
2a
CHECKING TO SEE THE HIDDEN ④ IMAGE
S915
123
VISUALIZED IMAGE
811
INCREASED RATE OF USE OF THE ENTREPRENEUR'S WEBSITE
813
INTEGRATION AMONG VIRTUAL ACTIVITIES AND REAL ACTIVITIES
800
801
REPEAT ACCESS BASED ON DATA-BASE TO USER
812
MESSEGE
SPECIAL BENEFIT
802
USER
S912
POSITIVE USE OF ENTREPRENEUR'S WEBSITE AND PURCHASES THEREFROM
51a
USER'S TERMINAL DEVICE
S911
SENDING MEMBERSHIP CARD FOR REGISTERED MEMBER
MEMBERSHIP CARD
2a
821
USER AGAIN VISITS THE SHOP
822
GIVING A GIFT TO THE USER
GIVING A DISCOUNT TO THE USER
823
824
BUSINESS NEGOTIATION AND AN AGREEMENT ACHIEVED BETWEEN THE SHOP AND USER
103a

FIG.13

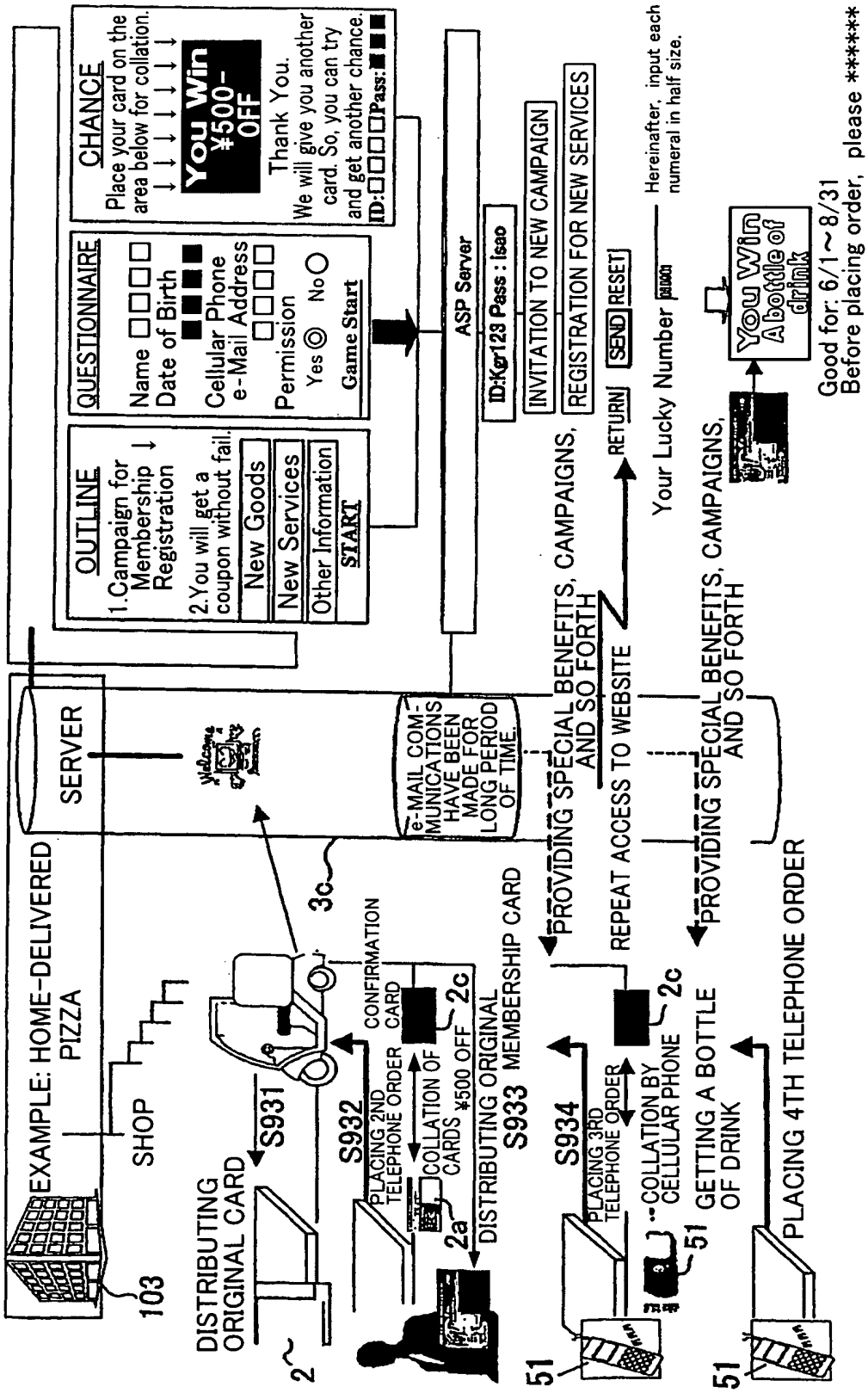

301
SERVER
EXAMPLE: HOME-DELIVERED PIZZA
SHOP
103
DISTRIBUTING ORIGINAL CARD
2
S931
DISTRIBUTING ORIGINAL MEMBERSHIP CARD
S932
PLACING 2ND TELEPHONE ORDER
COLLATION OF CARDS ¥500 OFF
CONFIRMATION CARD
2a
2c
3c
S933
S934
PLACING 3RD TELEPHONE ORDER
COLLATION BY CELLULAR PHONE
51
GETTING A BOTTLE OF DRINK
PLACING 4TH TELEPHONE ORDER
e-MAIL COMMUNICATIONS HAVE BEEN MADE FOR LONG PERIOD OF TIME.
PROVIDING SPECIAL BENEFITS, CAMPAIGNS, AND SO FORTH
REPEAT ACCESS TO WEBSITE
PROVIDING SPECIAL BENEFITS, CAMPAIGNS, AND SO FORTH
OUTLINE
1.Campaign for Membership Registration
2.You will get a coupon without fail.
New Goods
New Services
Other Information
START
QUESTIONNAIRE
Name □□□□
Date of Birth
Cellular Phone
e-Mail Address
□□□□
Permission
Yes ◎ No ○
Game Start
CHANCE
Place your card on the area below for collation.
You Win ¥500- OFF
Thank You.
We will give you another card. So, you can try and get another chance.
ID:□□□□Pass:
ASP Server
ID:Kor123 Pass : isao
INVITATION TO NEW CAMPAIGN
REGISTRATION FOR NEW SERVICES
RETURN
SEND
RESET
Your Lucky Number
Hereinafter, input each numeral in half size.
You Win A bottle of drink
Good for: 6/1~8/31
Before placing order, please ******

FIG.14

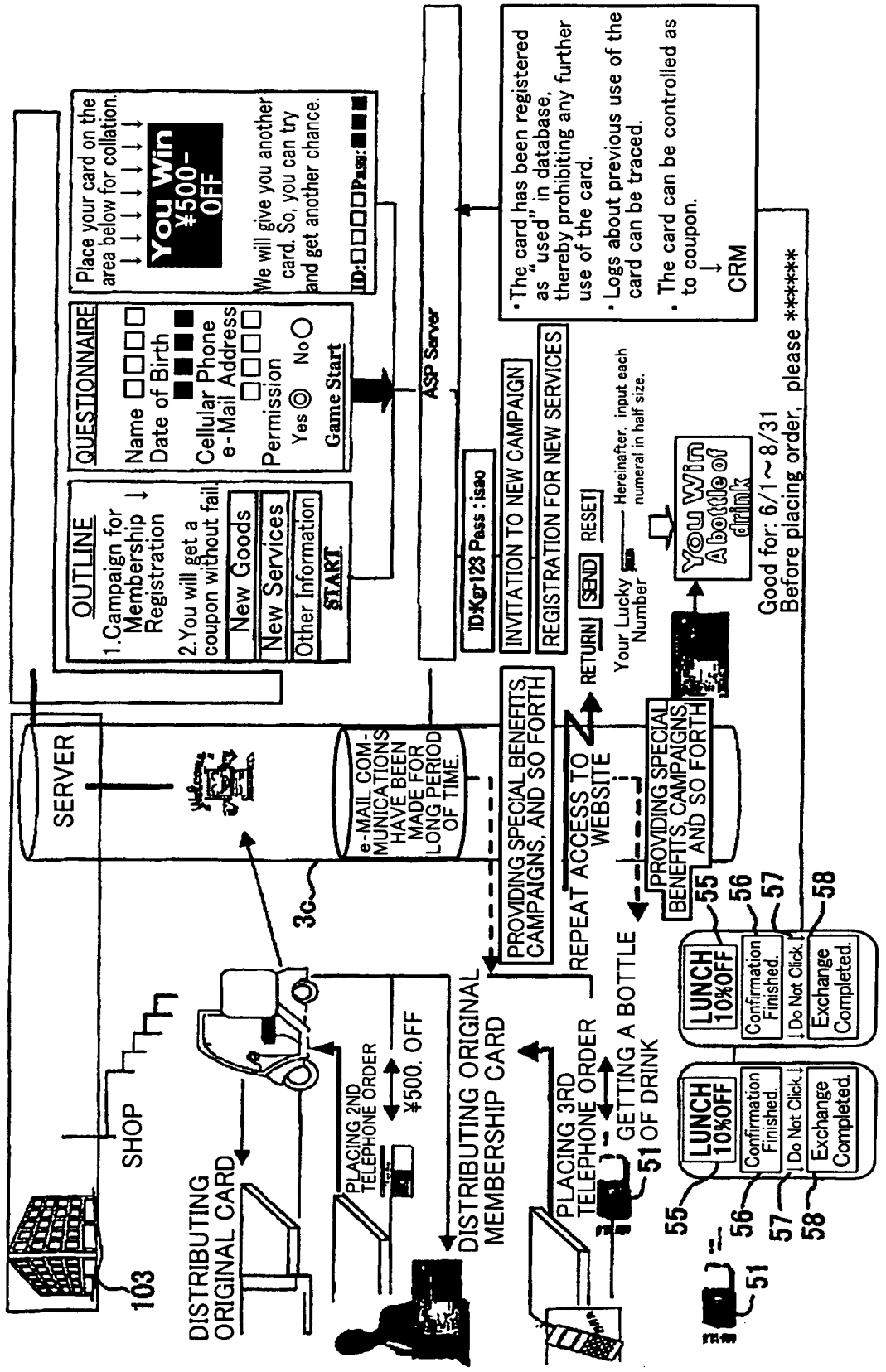

401
SERVER
SHOP
103
DISTRIBUTING ORIGINAL CARD
PLACING 2ND TELEPHONE ORDER
¥500. OFF
DISTRIBUTING ORIGINAL MEMBERSHIP CARD
PLACING 3RD TELEPHONE ORDER
GETTING A BOTTLE OF DRINK
51
3c
e-MAIL COMMUNICATIONS HAVE BEEN MADE FOR LONG PERIOD OF TIME.
PROVIDING SPECIAL BENEFITS, CAMPAIGNS, AND SO FORTH
REPEAT ACCESS TO WEBSITE
PROVIDING SPECIAL BENEFITS, CAMPAIGNS AND SO FORTH
55
56
57
58
LUNCH 10%OFF
Confirmation Finished.
Do Not Click!
Exchange Completed.
OUTLINE
1.Campaign for Membership Registration
2.You will get a coupon without fail.
New Goods
New Services
Other Information
START
QUESTIONNAIRE
Name
Date of Birth
Cellular Phone
e-Mail Address
Permission
Yes
No
Game Start
Place your card on the area below for collation.
You Win ¥500- OFF
We will give you another card. So, you can try and get another chance.
ID: Pass:
ASP Server
ID:Kgr123 Pass : isao
INVITATION TO NEW CAMPAIGN
REGISTRATION FOR NEW SERVICES
RETURN
SEND
RESET
Your Lucky Number
Hereinafter, input each numeral in half size.
You Win A bottle of drink
Good for; 6/1~8/31
Before placing order, please ******
• The card has been registered as "used" in database, thereby prohibiting any further use of the card.
• Logs about previous use of the card can be traced.
• The card can be controlled as to coupon.
↓
CRM

FIG.15

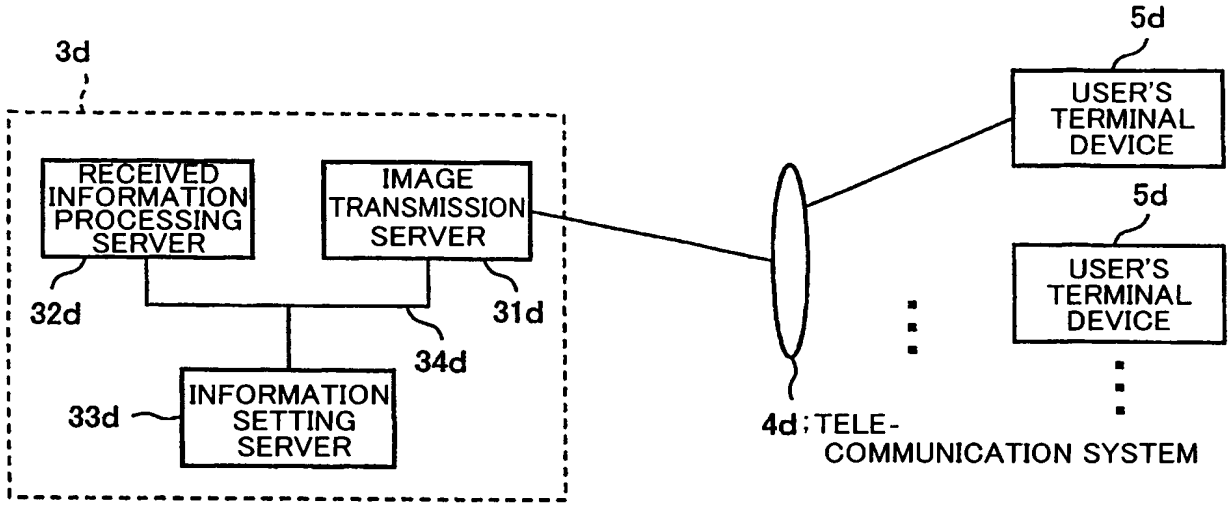

3d
RECEIVED INFORMATION PROCESSING SERVER
IMAGE TRANSMISSION SERVER
32d
31d
34d
INFORMATION SETTING SERVER
33d
5d
USER'S TERMINAL DEVICE
5d
USER'S TERMINAL DEVICE
4d; TELE-COMMUNICATION SYSTEM

FIG.16

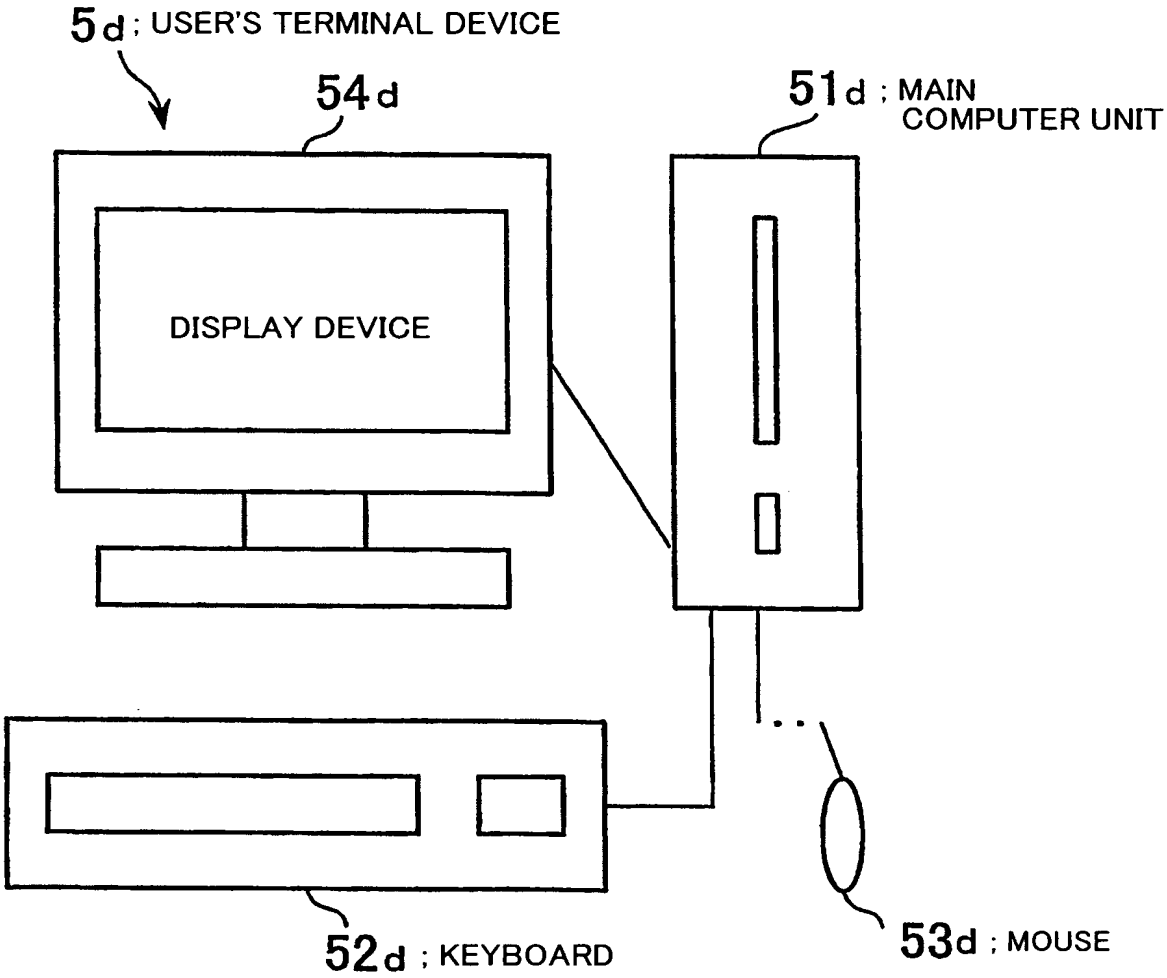

5d ; USER'S TERMINAL DEVICE
54d
51d ; MAIN COMPUTER UNIT
DISPLAY DEVICE
52d ; KEYBOARD
53d ; MOUSE

FIG.17

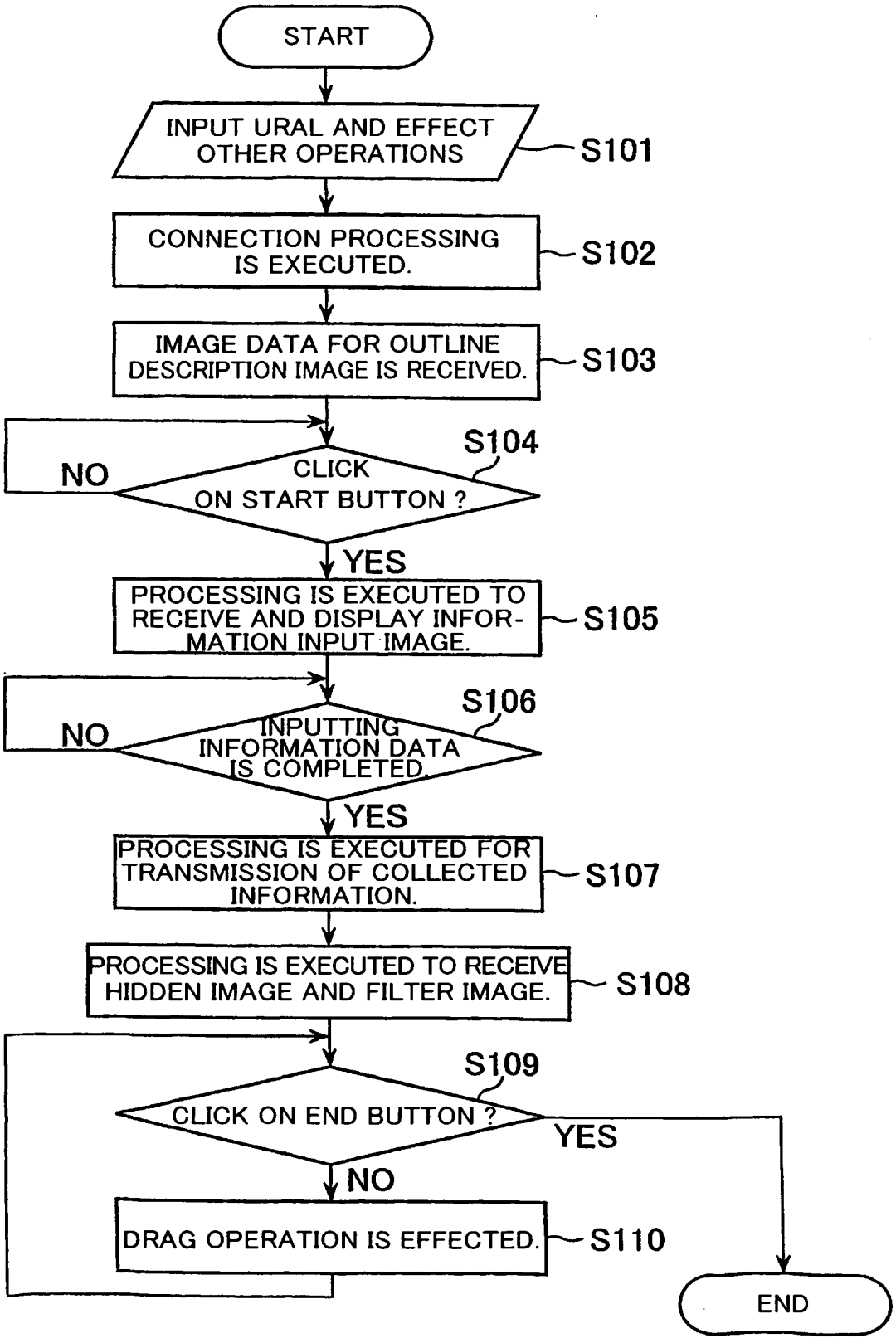

START
INPUT URAL AND EFFECT OTHER OPERATIONS
S101
CONNECTION PROCESSING IS EXECUTED.
S102
IMAGE DATA FOR OUTLINE DESCRIPTION IMAGE IS RECEIVED.
S103
S104
NO
CLICK ON START BUTTON ?
YES
PROCESSING IS EXECUTED TO RECEIVE AND DISPLAY INFOR-MATION INPUT IMAGE.
S105
S106
NO
INPUTTING INFORMATION DATA IS COMPLETED.
YES
PROCESSING IS EXECUTED FOR TRANSMISSION OF COLLECTED INFORMATION.
S107
PROCESSING IS EXECUTED TO RECEIVE HIDDEN IMAGE AND FILTER IMAGE.
S108
S109
CLICK ON END BUTTON ?
YES
NO
DRAG OPERATION IS EFFECTED.
S110
END

FIG.18

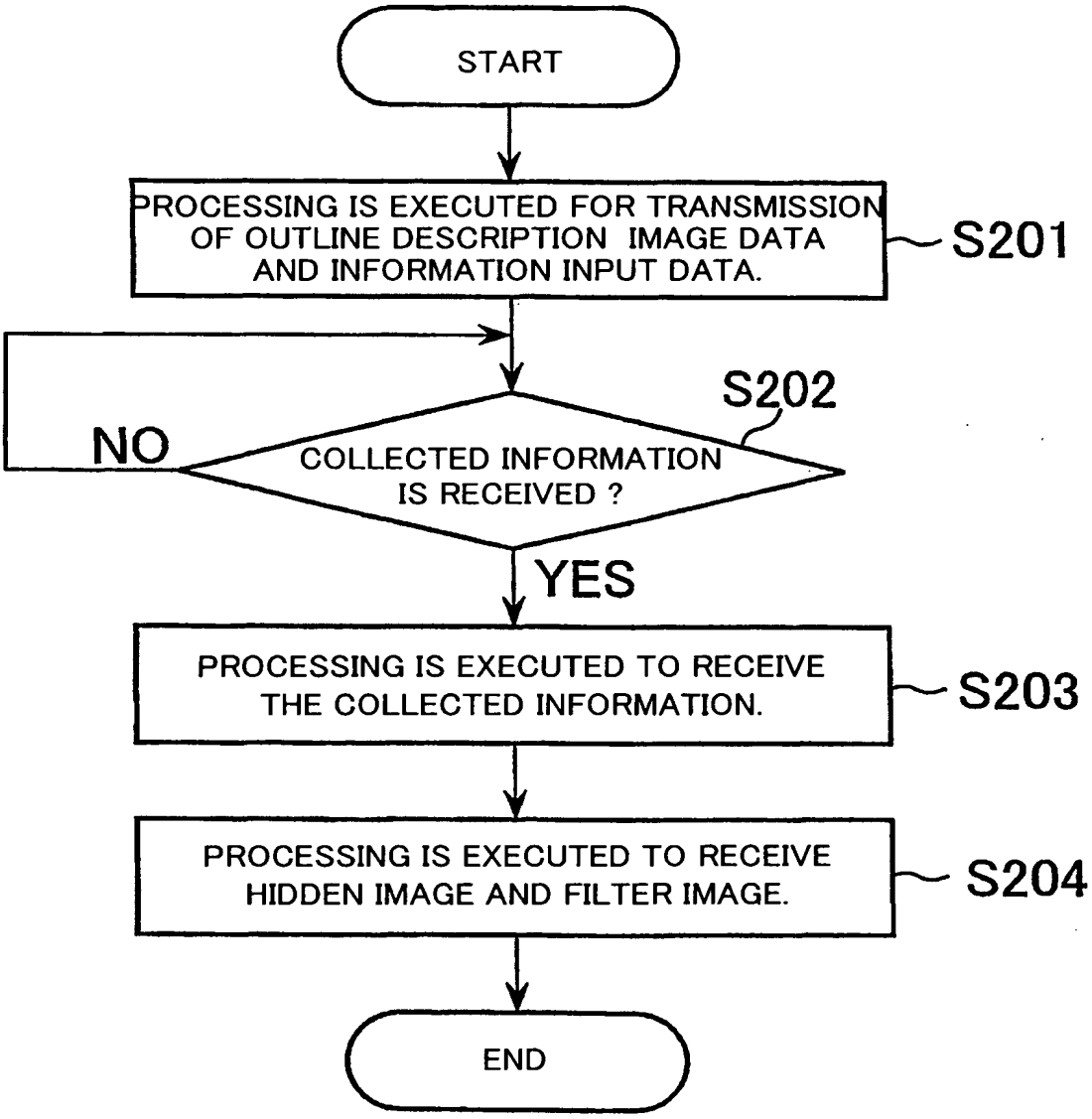

START
PROCESSING IS EXECUTED FOR TRANSMISSION OF OUTLINE DESCRIPTION IMAGE DATA AND INFORMATION INPUT DATA.
S201
S202
NO
COLLECTED INFORMATION IS RECEIVED ?
YES
PROCESSING IS EXECUTED TO RECEIVE THE COLLECTED INFORMATION.
S203
PROCESSING IS EXECUTED TO RECEIVE HIDDEN IMAGE AND FILTER IMAGE.
S204
END

FIG.19

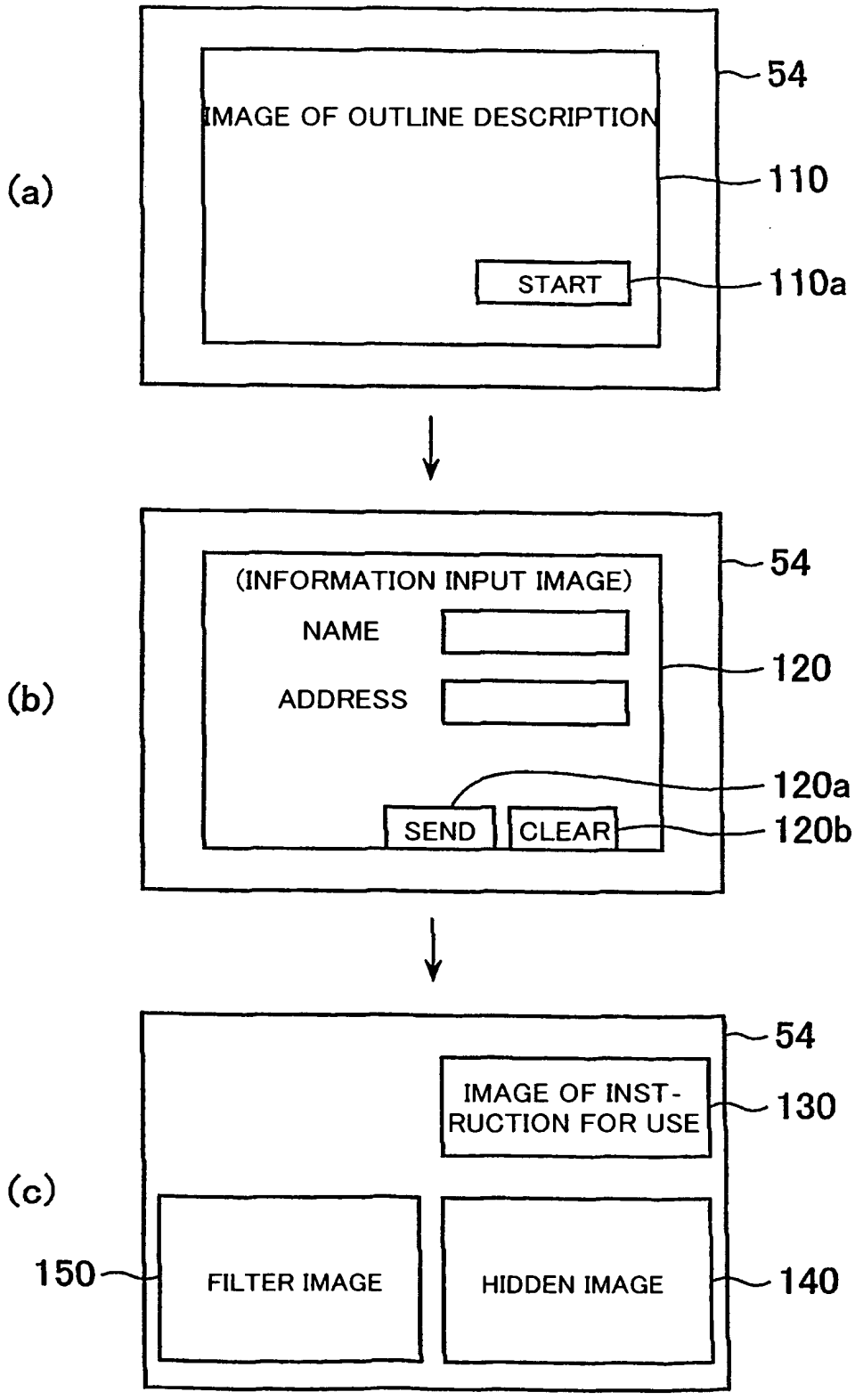
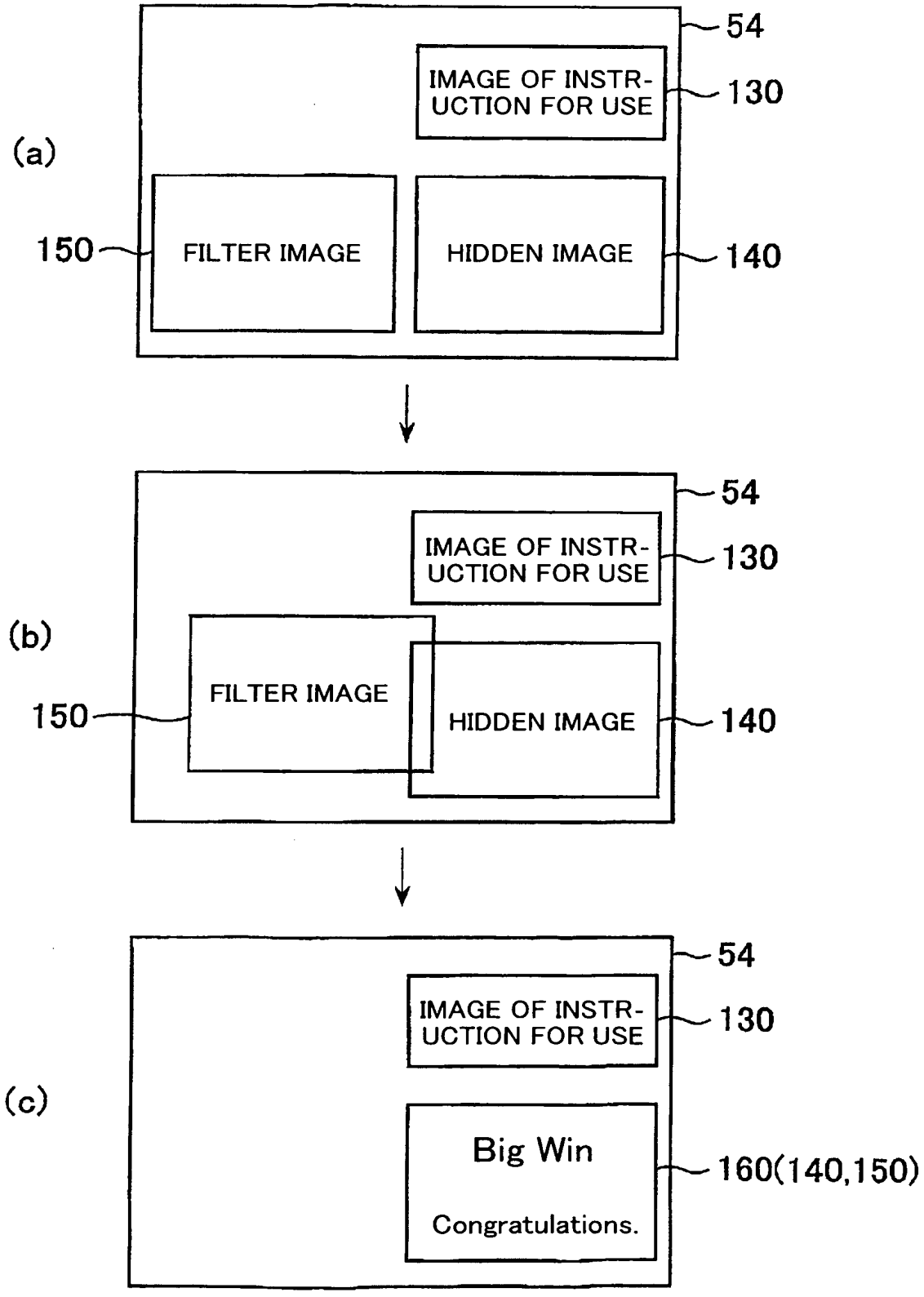

(a)
IMAGE OF OUTLINE DESCRIPTION
START
54
110
110a
(b)
(INFORMATION INPUT IMAGE)
NAME
ADDRESS
SEND
CLEAR
54
120
120a
120b
(c)
IMAGE OF INST-RUCTION FOR USE
FILTER IMAGE
HIDDEN IMAGE
150
54
130
140

FIG.20


(a)
54
IMAGE OF INSTR-UCTION FOR USE
130
150
FILTER IMAGE
HIDDEN IMAGE
140
(b)
54
IMAGE OF INSTR-UCTION FOR USE
130
150
FILTER IMAGE
HIDDEN IMAGE
140
(c)
54
IMAGE OF INSTR-UCTION FOR USE
130
Big Win
Congratulations.
160(140,150)

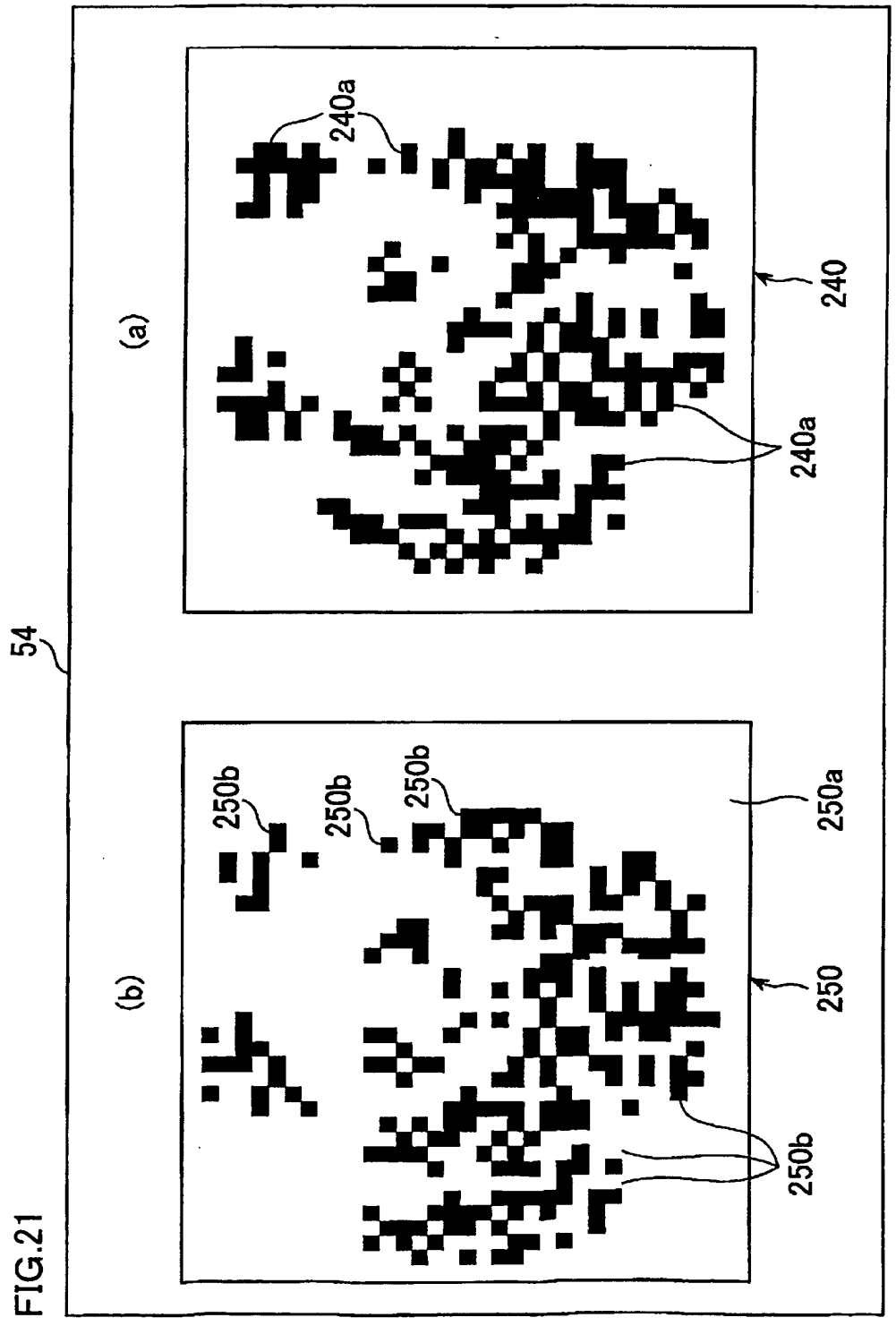


FIG.21

FIG.22

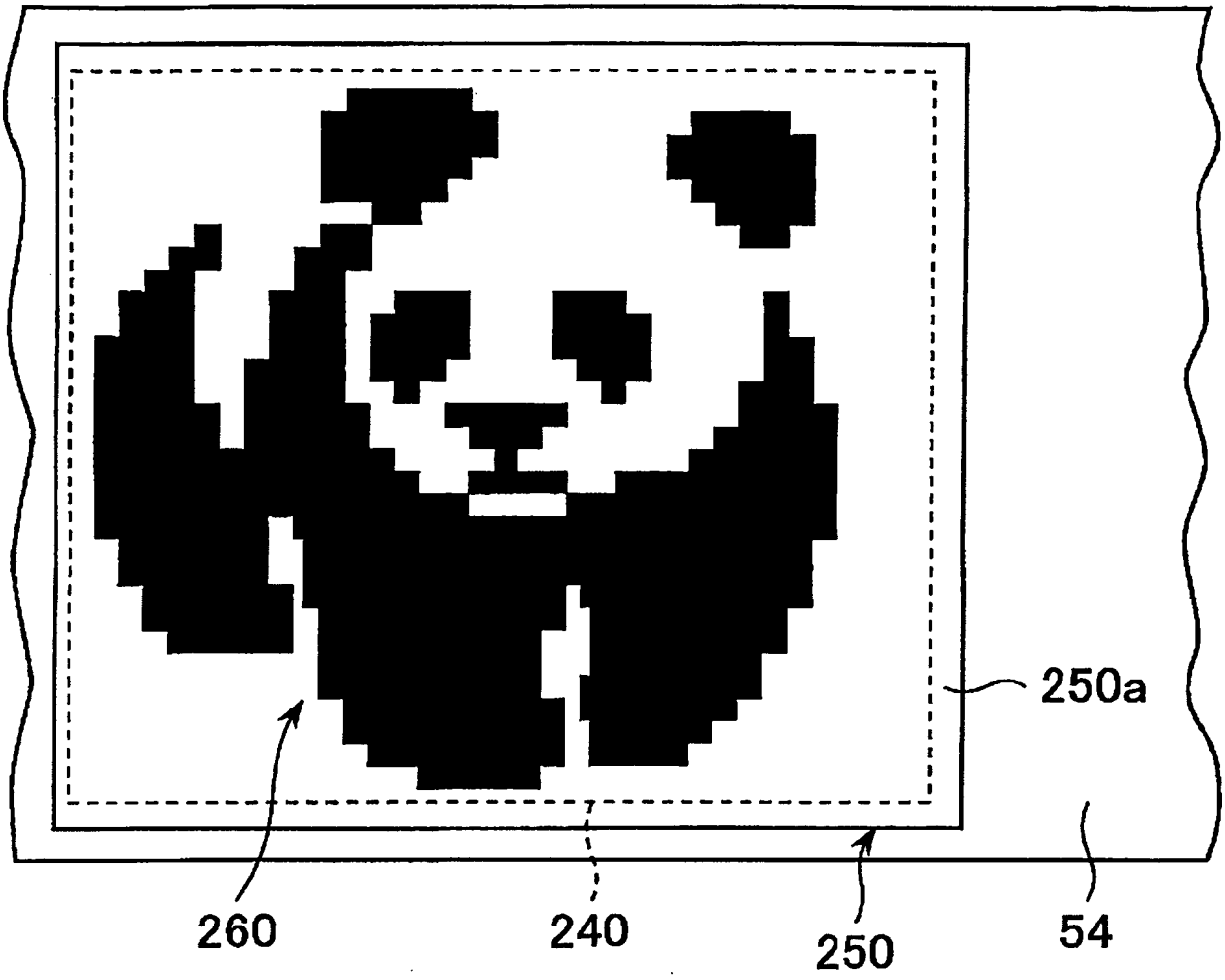
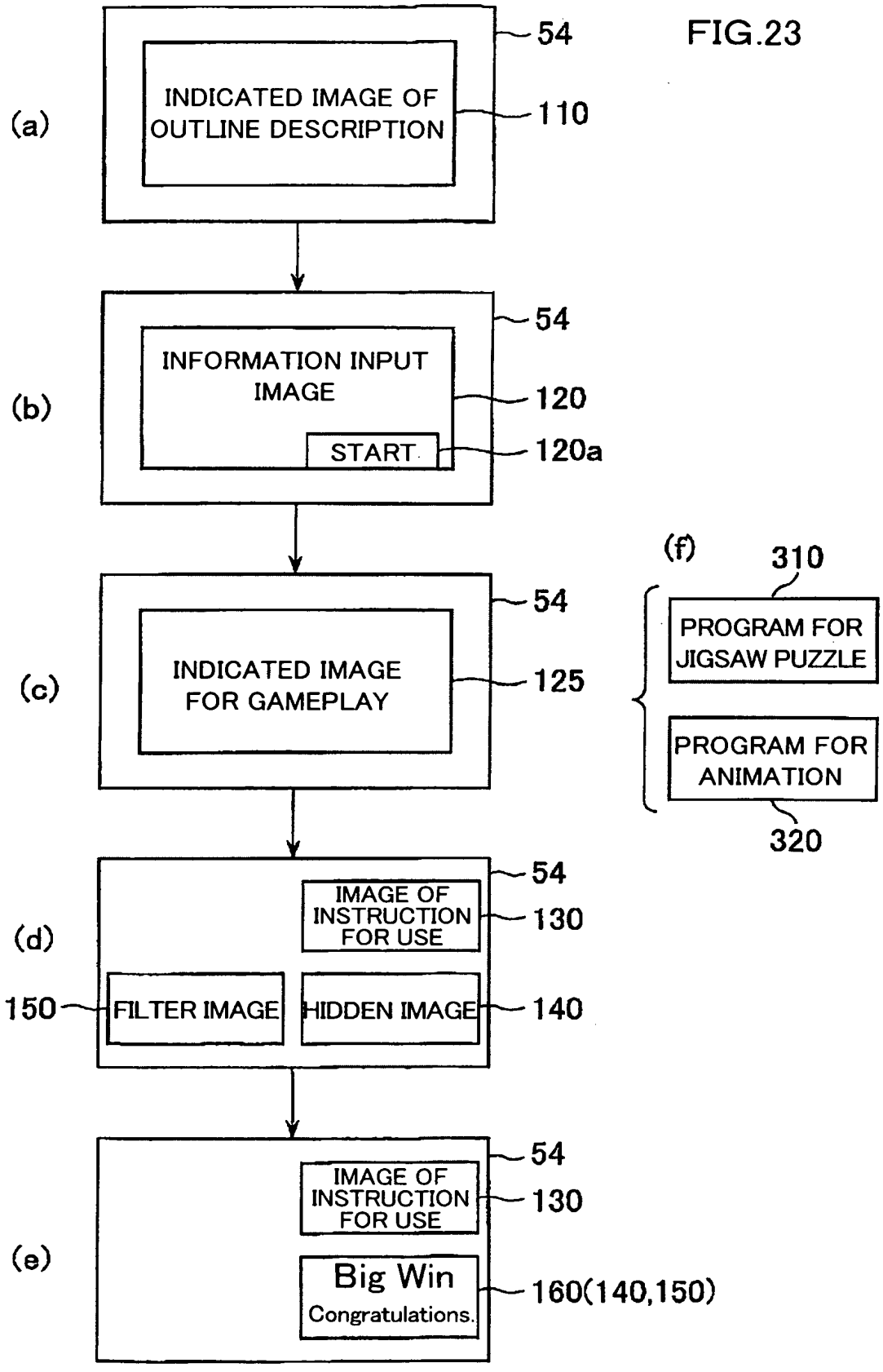


FIG.23


(a)
INDICATED IMAGE OF OUTLINE DESCRIPTION
54
110
(b)
INFORMATION INPUT IMAGE
START
54
120
120a
(c)
INDICATED IMAGE FOR GAMEPLAY
54
125
(d)
IMAGE OF INSTRUCTION FOR USE
FILTER IMAGE
HIDDEN IMAGE
54
130
150
140
(e)
IMAGE OF INSTRUCTION FOR USE
Big Win
Congratulations.
54
130
160(140,150)
(f)
310
PROGRAM FOR JIGSAW PUZZLE
PROGRAM FOR ANIMATION
320